

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-43 (canceled)

Claim 44 (new): An information recording medium storing content, said information recording medium comprising a configuration in which a content management unit that is a data section area including at least any one of

content stored in an information recording medium,
a content reproduction section specification file,
content reproduction processing program,
an application index file, and
an application execution file is set,

wherein any one of a data file and a program file included in said content management unit is stored as encrypted data based on an individual unit key corresponding to said content management unit.

Claim 45 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are units set in correspondence with title information and index information of each piece of content stored in said information recording medium and a unique content management unit and a unit key corresponding thereto are determined on the basis of the selection of said title information and said index information.

Claim 46 (new): The information recording medium according to claim 45 wherein said title information and said index information are presentable to a user.

Claim 47 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are units that are set in correspondence with a plurality of content reproduction processing programs stored in

said information recording medium, and a unique content management unit and a unit key corresponding thereto are determined on the basis of the determination of said plurality of content reproduction processing programs to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 48 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are units that are set in correspondence with a plurality of content reproduction section specification files stored in said information recording medium, and a unique content management unit and a unit key corresponding thereto are determined on the basis of said content reproduction section specification file selected by said content reproduction processing program to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 49 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are units that are set in correspondence with clip files that are a plurality of content real data storage files stored in said information recording medium, and a unique content management unit and a unit key corresponding thereto are determined on the basis of a reproduction clip file selected by said content reproduction processing program to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 50 (new): The information recording medium according to claim 44 wherein content management units set in said information recording medium include:

- a first unit including content real data stored in said information recording medium; and
- a second unit not including content real data but including an application execution file corresponding to an application index file stored in said information recording medium;

said first unit and said second unit including at least one of a data file and a program file encrypted by different unit keys.

Claim 51 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are configured

as units including an application execution file and a content reproduction processing program stored in said information recording medium.

Claim 52 (new): The information recording medium according to claim 44 wherein at least some of content management units set in said information recording medium are configured as units including an application execution file, a content reproduction processing file, and an application resource file for use in the execution of said application execution file stored in said information recording medium.

Claim 53 (new): The information recording medium according to claim 44 wherein some of content management units set in said information recording medium are configured as units including a content reproduction section specification file, an AV stream file as content real data to be referenced from said content reproduction section specification file, an application execution file, and an application resource file for use in the execution of said application execution file stored in said information recording medium.

Claim 54 (new): The information recording medium according to claim 44 wherein a management table in which unit setting unit information, content management unit identification information, and unit key identification information are related with each other as information forming each of said content management unit is stored.

Claim 55 (new): The information recording medium according to claim 44 wherein said information recording medium stores a status management table in which status information indicative whether each of said content management units is in network independent status or network associated status is stored.

Claim 56 (new): The information recording medium according to claim 44 wherein said status management table stores at least initial status information of each content management unit.

Claim 57 (new): The information recording medium according to claim 44 wherein said status management table stores initial status information and current status information of each content management unit.

Claim 58 (new): The information recording medium according to claim 44 wherein content use management information table storing restriction information associated with content use for each content management unit is stored.

Claim 59 (new): The information recording medium according to claim 58 wherein said content use management information table records use restriction information indicative whether said content management unit is in network independent status or network associated status.

Claim 60 (new): The information recording medium according to claim 58 wherein said content use management information table has information indicative that content is subject to control on the basis of externally obtainable operation control information.

Claim 61 (new): The information recording medium according to claim 60 wherein said content use management information table includes information for specifying a server for obtaining said operation control information.

Claim 62 (new): The information recording medium according to claim 44 wherein said information recording medium stores content for copy processing or streaming reproduction in addition to original content.

Claim 63 (new): The information recording medium according to claim 62 wherein said content for copy processing or streaming reproduction has a different data format than that of said original content.

Claim 64 (new): An information processing apparatus for executing reproduction of content stored in an information recording medium, comprising:

a unit key acquisition section for identifying a content management unit including a data area selected for reproduction or execution from content or a program stored in said information recording medium so as to acquire a unit key corresponding to the identified content management unit; and

a data processing section for decrypting encrypted data included in said content management unit by use of the unit key selected by said unit key acquisition section.

Claim 65 (new): The information processing apparatus according to claim 64 wherein said unit key acquisition section is configured to detect content management unit switching on the basis of a management table in which unit setting unit information, content management unit identification information, and unit key identification information are related with each other and, in accordance with the detected information, execute applicable unit key change processing.

Claim 66 (new): The information processing apparatus according to claim 44 further comprising:

a renewal key information block processing section for executing said unit key acquisition processing by decrypting a renewal key information block that may be processed only with a key stored in an information processing apparatus having a legal content use right, said key being set in correspondence with said content management unit.

Claim 67 (new): The information processing apparatus according to claim 44 wherein said renewal key information block acquires from an information recording medium or a networked server.

Claim 68 (new): The information processing apparatus according to claim 64 further comprising:

an authentication processing section for executing authentication processing with a networked server,

wherein, upon successful authentication, said unit key acquisition section or said data processing section acquires information necessary for content reproduction including a unit key from said server.

Claim 69 (new): The information processing apparatus according to claim 64 further comprising:

a renewal key information block processing section for acquiring an authentication key to be applied to authentication processing with a networked server by decrypting a renewal key information block that may be processed only with a key set in correspondence with said content management unit and stored in an information processing apparatus having a legal content use right; and

an authentication processing section for authenticating a server by applying the authentication key obtained by the processing by said renewal key information block processing section;

wherein, upon successful authentication, said unit key acquisition section or said data processing section acquires information necessary for content reproduction including a unit key from said server.

Claim 70 (new): The information processing apparatus according to claim 64 wherein said data processing section determines whether said content management unit is in network independent status or network associated status and executes content use control in accordance with a decision.

Claim 71 (new): The information processing apparatus according to claim 70 wherein said content use control is executed on the basis of a content use management information table storing control information associated with use of each said content management unit.

Claim 72 (new): The information processing apparatus according to claim 64 wherein said data processing section receives operation control information corresponding to content stored in said information recording medium and, in accordance with control based on the received operation control information, reproduces or copies said content stored in said information recording medium.

Claim 73 (new): The information processing apparatus according to claim 64 wherein said data processing section notifies a networked server of at least one of user identifier,

information processing apparatus identifier, and information recording medium identifier, receives operation control information corresponding to the notified identifier from said networked server, and, in accordance with control based on the received operation control information, reproduces or copies content stored in said information recording medium.

Claim 74 (new): An information processing method for reproducing content or executing a program stored in an information recording medium, comprising:

identifying a content management unit including a data area selected for reproduction or execution from said content or said program stored in said information recording medium;
selecting a unit key corresponding to the identified content management unit; and
decrypting encrypted data included in said content management unit to perform content reproduction processing and program execution processing use of the selected unit key.

Claim 75 (new): The information processing method according to claim 74 further comprising:

detecting content management unit switching on the basis of a management table in which unit setting unit information, content management unit identification information, and unit key identification information are related with each other and, in accordance with the detected information, executing applicable unit key change processing.

Claim 76 (new): The information processing method according to claim 74 further comprising:

executing unit key acquisition processing by decrypting a renewal key information block that may be processed only with a key stored in an information processing apparatus having a legal content use right, said key being set in correspondence with said content management unit.

Claim 77 (new): The information processing method according to claim 74 wherein said renewal key information block acquires from an information recording medium or a networked server.

Claim 78 (new): The information processing method according to claim 74 further comprising:

executing authentication processing with a networked server, and upon successful authentication, acquiring information necessary for content reproduction including a unit key from said server.

Claim 79 (new): The information processing method according to claim 74 further comprising:

acquiring an authentication key to be applied to authentication processing with a networked server by decrypting a renewal key information block that may be processed only with a key set in correspondence with said content management unit and stored in an information processing apparatus having a legal content use right;

authenticating a server by applying the authentication key obtained by the processing by said renewal key information block processing section; and

acquiring information necessary for content reproduction including a unit key from said server, upon successful authentication.

Claim 80 (new): The information processing method according to claim 74 further comprising:

determining whether said content management unit is in network independent status or network associated status and executing content use control in accordance with a decision.

Claim 81 (new): The information processing method according to claim 80 wherein said content use control is executed on the basis of a content use management information table storing control information associated with use of each said content management unit.

Claim 82 (new): The information processing method according to claim 74 further comprising:

receiving operation control information corresponding to content stored in said information recording medium from a networked server and, in accordance with control based on

the received operation control information, reproducing or copying said content stored in said information recording medium.

Claim 83 (new): The information processing method according to claim 74 further comprising:

notifying a networked server of at least one of user identifier, information processing apparatus identifier, and information recording medium identifier;

receiving operation control information corresponding to the notified identifier from said networked server; and,

reproducing or copying content stored in said information recording medium in accordance with control based on the received operation control information.

Claim 84 (new): A computer program for reproducing content or executing a program stored in an information recording medium, comprising:

identifying a content management unit including a data area selected for reproduction or execution from said content or said program stored in said information recording medium;

selecting a unit key corresponding to the identified content management unit; and

decrypting encrypted data included in said content management unit to execute content reproduction processing or program execution processing by use of the selected unit key.

Claim 85 (new): A server for providing a unit key to be applied to decryption of content to a reproducing apparatus for reproducing content stored in an information recording medium, comprising:

a database storing a unit key corresponding to a content management unit;

an authentication processing section for authenticating said reproducing apparatus; and

a data processing section for providing said unit key upon successful authentication in said authentication processing section.

Claim 86 (new): The server according to claim 85 further comprising:

a renewal key information block database storing a renewal key information block that may be processed only with a key stored in an information processing apparatus having a legal

content use right and holds an authentication key for authentication processing as encrypted information; and

an authentication key database storing said authentication key;

wherein said authentication processing section provides said renewal key information block to a reproducing apparatus that executes content reproduction and executes authentication processing by applying the authentication key acquired from said authentication key database.